IEG-244/70
30 July 1970

MEMORANDUM FOR: Executive Director, NPIC

SUBJECT   :   IEG Comments - CRS AEGIS Effort

1.   IEG collateral research analysts normally make information search requests to CRS analysts via the telephone. The opportunities for IEG analysts to make in person requests on any system is limited by [_____] location. AEGIS runs have been supplied by CRS to IEG as a result of these requests. Generally the AEGIS file has been of some use but it has been limited to information from 1967 to present because of its initial input date. Thus CRS has to provide data from older files as well in response.   **25X1**

2.   Commenting directly on [_____]paper, it would appear that a greater education of possible requesters on AEGIS capabilities rather than any mandate on use would increase its use. Certainly the CRS analysts who service NPIC should use it when it can help answer a request.   **25X1**

3.   Attached for your information is a fact sheet describing the AEGIS system. This sheet was prepared in IEG for use by photo interpreters and collateral analysts to provide them with information concerning various data bases and intelligence repositories.
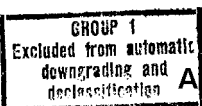
25X1

Chief, Imagery Exploitation Group
NPIC   .

Attachment: a/s

Distribution:
  Orig. - Addressee
      2 - NPIC/IEG
      2 - NPIC/IEG/OD

Declass Review by NGA

IEG SYSTEMS SURVEY
FACT SHEET

PREPARED BY OPERATIONS DIVISION, IEG

9 February 1970

TITLE

Aegis System

OWNER/DEVELOPER

The Aegis Sytem was devised and is presently operated by the Central Reference Service (CRS)/Information Services Group (ISG) and The Support Services Group (SSG).

SYSTEM FEATURES

The Aegis project is a "subject search system" which is replacing the Intellofax System, the Special Register SI machine runs, and the IPI and which provides a listing and/or reference to current pertinent documents.

INTENDED USE

The primary objective of developing the Aegis System was to provide a rapid "recall" system of current intelligence materials. Previously, it was necessary to query Biographics, Graphics Register, Special Register, Industrial Register, etc. for all material related to a specific query. The Aegis Sytem is an attempt to automate all information into a single computerized system.

USERS

At present, OSR, OSI, OCI, OBGI, SRS, DDP, OTR and NPIC have been utilizing Aegis for collateral references.

INPUT-OUTPUT

Intelligence gathered by CRS is carefully indexed and/or coded and screened by Selection Officers before it is inputted into the computer. At present, there exists approximately ten (10) different formats which can be used depending on the requesters' desires or needs.

Recall is by "key-words" or by numbers or by a combination of both. (see attachment for 360 printout)

SOFTWARE

It is pertinent to note that the selection of intelligence for input is much more refined than the previous systems. Much of the irrelevant materials received by the agency are not inputted. The tests that have been conducted so far re the system indicate a 44% accuracy recall on a first query. After analysis of the initial run by the selection officers the second runs have resulted in a 75% relevancy figure which appears to satisfy requesters.

HARDWARE

The hardware utilized for this recall system presently consists of one IBM 360/50 computer (model 1), which includes a 512 K memory, 2 channel selectors and 1 multiplex selector.

OPERATIONAL STATUS:

The one 360/50 computer is currently satisfying the requests levied on the system. However, because the system is new and many analysts are not aware of its capabilities, CRS envisages the need for a greater machine capability when more intelligence officers become acquainted with its capabilities.

IEG NOTES

This sytem is presently not being used by IEG personnel. Its existence is known by a few intelligence analysts who feel it will provide little information in support of our missions at this time. Those analysts desiring Aegis searches should contact PSG/Information Branch for search arrangements.

ATTACHMENTS

Sample of 360/50 printout of a selected NPIC target search request.